

January 18, 2006

**TO THE MEMBERS OF THE BROWN  
COUNTY BOARD OF SUPERVISORS**

Ladies and Gentlemen:

The PUBLIC SAFETY COMMITTEE met in regular session on January 12, 2006, and recommends the following motions:

1. Communication from Supervisor Fewell re: Requesting accountant from Sheriff's department and County Board Internal Auditor report their findings on the actual jail cost per day. (Referred from December County Board.) Hold for one month.
2. Request Facilities Management to give an estimate on what the cost would be to provide outlets to five court rooms. (Held from previous meeting.) Hold for one month.
3. Volunteers In Probation - -- Monthly Statistics ending November 30, 2005. Receive & place on file.
4. Emergency Government - Update report from Emergency Management Director. Receive & place on file.
5. Sheriff - Key Factor Report 2005 with Jail Average Daily Population by month and overtime by expenditures by division/session 2005 - for January 2006 meeting including jail medical statistics. Receive & place on file.
6. Sheriff - Request for Budget Transfer (#06-03): Increase in Expenditures with Offsetting Increase in Revenue: Request to participate in a JAG/Byrne grant applied for by City of Green Bay and County Executive in early 2005. Grant provides funding for Livescan fingerprint equipment (\$36,588). Approve.
7. Sheriff - Request for Budget Transfer (#06-04): Increase in Expenditures with Offsetting Increase in Revenue: Increase revenue & expense to receive and utilize a Homeland Security grant through Wisconsin Office of Justice Assistance. Grant funds to be used to purchase Bomb Squad equipment, including upgrades to the remotely controlled robot (\$25,000). Approve.
8. Sheriff's - report. Receive & place on file Ayes: 3 (Van Den Heuvel, Clancy, Kaye); Excused: 1 (Zima); Not present: 1 (Nicholson). Motion Carried.
9. Public Safety Communications - Radio Inoperability Study. To go forward with the study and find a solution for the funding.
10. Public Safety Communications - Director's report. Approve.

Public Safety Committee

January 18, 2006

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11. **Closed Session:** Pursuant to Sec. 19.85 (1) (c) considering employment, promotion, compensation, or performance evaluation date of a public employee over which the Committee has jurisdiction or exercises responsibility. (No Closed Session held.)
12. Audit of bills. Approve audit of bills.

Approved by:

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COUNTY EXECUTIVE

Date

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**PROCEEDINGS OF THE BROWN COUNTY  
PUBLIC SAFETY COMMITTEE**



Pursuant to Section 19.94 Wis. Stats., a regular meeting of the **Brown County Public Safety Committee** was held on Thursday, January 12, 2006 in the Public Safety Communications Center 2<sup>nd</sup> Floor Classroom – 307 S. Adams Street, Green Bay, WI.

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**Present:** Harold Kaye, Bill Clancy, Andy Nicholson, Earl Van DenHeuvel.  
**Excused:** Guy Zima.  
**Also Present:** Supervisor Jack Krueger, Jim Nickel, Jeff Oudeans, Jessica Stoller, Shelly Nackers, Paul Abel, Jane Specht.

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***Prior to the meeting, the committee was given a tour of the  
Communications Center.***

1. **Call Meeting to Order:**  
The meeting was called to order by Chair Kaye at 7:13 p.m.
2. **Approve/Modify Agenda:**  
Chair Kaye stated that he would like to modify the agenda to discuss item #15 prior to item #14.

**Motion made by Supervisor Nicholson and seconded by Supervisor Van Den Heuvel to approve the agenda as modified. Vote Taken. MOTION APPROVED UNANIMOUSLY.**

3. **Approve/Modify Minutes of December 5, 2005.**

**Motion made by Supervisor Nicholson and seconded by Supervisor Van Den Heuvel to approve. Vote Taken. MOTION APPROVED UNANIMOUSLY.**

4. **Review Minutes/Reports (None)**

**Public Comments**

5. There were no comments from the public.

**Communications**

6. **Communication from Supervisor Fewell re: Requesting Accountant from Sheriff's Department and County Board Internal Auditor report their findings on the actual jail cost per day. (Referred from December County Board).**

Supervisor Fewell was not present to discuss the communication and there was a brief discussion among members of the committee on this.

**Motion made by Supervisor Nicholson and seconded by Supervisor Van Den Heuvel to hold for one month. MOTION APPROVED UNANIMOUSLY.**

**From Previous Meeting**

7. **Request Facilities Management to give an estimate on what the cost would be to provide outlets to five court rooms. (Held from previous meeting).** Facility Projects Manager Jeff Oudeans reported that they have received three quotes on this and he has to go through them. He asked if this could be held until next month and he could give the committee an update then.

**Motion made by Supervisor Van Den Heuvel and seconded by Supervisor Clancy to hold for one month. Vote Taken. MOTION APPROVED UNANIMOUSLY.**

**Volunteers in Probation**

8. **VIP – Monthly Statistics ending November 30, 2005.** Jane Specht was present to discuss the report with the committee. She said there was nothing significant regarding the November statistics and responded to a question from Supervisor Jack Krueger.

**Motion made by Supervisor Nicholson and seconded by Supervisor Van Den Heuvel to receive and place on file. Vote Taken. MOTION APPROVED UNANIMOUSLY.**

**Emergency Government**

9. **Update report from Emergency Management Director.** In the absence of Cullen Peltier, Public Safety Communications Director Jim Nickel explained that they went out for bid for the all hazardous plan, there were three or four bidders and the current company was the low bidder.

**Motion made by Supervisor Clancy and seconded by Supervisor Van Den Heuvel to receive and place on file. Vote Taken. MOTION APPROVED UNANIMOUSLY.**

**Sheriff**

10. **Key Factor Report 2005 with Jail Average Daily Population by month and overtime by expenditures by division/session 2005 – for January 2006 meeting including jail medical statistics.** Sheriff Kocken was present to go over the report with the committee. He said it is similar to what has been done in the past, but they added some charts to illustrate a breakout of the population in the jail. A discussion ensued on the number of federal and Dane County inmates that are needed to meet the 2006 budget. Other items discussed included what has been done to decrease overtime and the difficulty with keeping the jail fully staffed.

**Motion made by Supervisor Nicholson and seconded by Supervisor Van Den Heuvel to receive and place on file. Vote Taken. MOTION APPROVED UNANIMOUSLY.**

11. **Request for Budget Transfer (#06-03): Increase in Expenditures with Offsetting Increase in Revenue: Request to participate in a JAG/Byrne grant applied for by City of Green Bay and County Executive in early 2005. Grant provides funding for Livescan fingerprint equipment (\$36,588).**

Sheriff Kocken explained that this is a cooperative venture, with no cost involved.

**Motion made by Supervisor Van Den Heuvel and seconded by Supervisor Nicholson to approve. Vote Taken. MOTION APPROVED UNANIMOUSLY.**

12. **Request for Budget Transfer (#06-04): Increase in Expenditures with Offsetting Increase in Revenue: Increase revenue & expense to receive and utilize a Homeland Security grant through Wisconsin Office of Justice Assistance. Grant funds to be used to purchase Bomb Squad equipment, including upgrades to the remotely controlled robot (\$25,000).**

**Motion made by Supervisor Van Den Heuvel and seconded by Supervisor Nicholson to approve. Vote Taken. MOTION APPROVED UNANIMOUSLY.**

13. **Sheriff's Report.**

Sheriff Kocken reported that there are some problems with cleaning in the drug task force building. He said he will take care of the problem, but just wanted to make the committee aware of it. He also reported that he gave a presentation to the Bellevue Village Board explaining that their contract with the Sheriff's Department expires January 1, 2007. He said he advised them that he will recommend to the County not to continue the contract unless it calls for 24/7 coverage, which the village is obligated to by state statute. He said that issue was supposed to be on a referendum in April, but now it has been changed to the November ballot. Sheriff Kocken stated that he hopes they will get a contract in place and, if not, they will be charged per call.

**Motion made by Supervisor Clancy and seconded by Supervisor Van Den Heuvel to receive and place on file. Vote Taken. AYES; 3: VAN DEN HEUVEL, CLANCY, KAYE. EXCUSED: 1: ZIMA. NOT PRESENT; 1: NICHOLSON. MOTION APPROVED.**

*At this point, the committee discussed item #15 although shown in proper format here.*

**Public Safety Communications**

14. **Radio Interoperability Study.**

Chair Kaye stated that he wrote the letter that was requested by this committee and he received some replies in support of moving on with the study. He added that he learned the County Executive has had meetings with some local leaders and has set up a committee to do what we have already been doing. Chair Kaye said we are trying to complete the last phase of the study to find out what equipment is needed and we have been urged on by fire chiefs and police chiefs to move forward with this, adding that if we have a problem with the communication system, it is our responsibility to address it and move forward. He said the shortcomings were identified in the interoperability study which was funded by OJA. Jim Nickel directed the committee to the Radio System Study History that was included with his written Director's Report. He explained that the report from RCC Consultants talks about staying with VHF for the County Sheriff's Department, EMS and fire but expand the infrastructures to solve some of our problems. Additionally, the core area that serves the City of Green Bay and Village of Ashwaubenon would have to be expanded as well. He thinks that

\$22 million in costs is a high number for this and said it would be done in phases. Nickel said that the first phase would probably be a \$7.5 million VHF infrastructure upgrade and the decision we need to make as a county is when do we want to do this and when do we want to spend the money. Responding to a question from Chair Kaye he said the VHF mandate is that we have to go narrow banding by the end of 2012, but our equipment is over 20 years old now. A lengthy discussion ensued on the cost of the project, where to get the funds for it and the purpose of the subcommittee that has been formed. Assistant County Executive Jessica Stoller commented that the local officials were not involved in this process and said they were not familiar with the study and what was moving forward. Chair Kaye pointed out the number of times the study has been discussed and said every local official receives a report of what Brown County is doing. He said we all have to work together, the experts are here and no local officials are present at tonight's meeting. In support of the study, Jim Nickel said we need to defer to experts in this business to tell us the various alternatives for our situation and then we have to go to the industry for cost estimates.

**Motion made by Supervisor Van Den Heuvel and seconded by Supervisor Kaye to go forward with the study and find a solution for the funding. Vote Taken. MOTION APPROVED UNANIMOUSLY.**

*The committee went on to item #16.*

15. **Director's Report.**

Public Safety Communications Director Jim Nickel distributed a written copy of his report (see attached). He went over the main points of his report with the committee, pointed out his written overview of Voice Over Internet Protocol (VoIP) for 911 service and explained the attached charts of Call Volume and Incident Counts. Addressing the chart on the last page of his handout, Nickel pointed out that overtime in 2005 was about 40% less than 2004. Nickel responded to questions from the committee. Chair Kaye inquired about the plans for new buildings downtown and a discussion ensued on their impact and the need to relocate equipment.

**Motion made by Supervisor Nicholson and seconded by Supervisor Van Den Heuvel to approve. Vote Taken. MOTION APPROVED UNANIMOUSLY.**

*At this point, the committee discussed item #14.*

<u>District Attorney</u>	(no agenda items)
<u>Clerk of Courts</u>	(no agenda items)
<u>Medical Examiner</u>	(no agenda items)
<u>Circuit Courts</u>	(no agenda items)

Other

16. **Closed Session: Pursuant to Sec 19.85 (1)(c) considering employment, promotion, compensation, or performance evaluation date of a public employee over which the Committee has jurisdiction or exercises responsibility:**  
There was no closed session.

17. **Audit of Bills:**

**Motion made by Supervisor Nicholson and seconded by Supervisor Clancy to approve audit of the bills. MOTION APPROVED UNANIMOUSLY.**

18. **Such Other Matters as Authorized by Law.**

**Motion made by Supervisor Van Den Heuvel and seconded by Supervisor Kaye to adjourn at 8:45 p.m. Vote Taken. MOTION APPROVED UNANIMOUSLY.**

Respectfully submitted,

Jeanne Buzzell  
Recording Secretary

# Typical Project Schedule

RCC Consultants, Inc.

Sample Project Schedule

ID	Task Name	2005				2006				2007				2008			
		Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
1	BROWN COUNTY SAMPLE RADIO SYSTEM UPGRADE PROJECT																2
2																	
3	PHASE 1 - RADIO COMMUNICATIONS ASSESSMENT/RECOMMENDATIONS																
4																	
5	PROJECT MOBILIZATION & INITIATION CONFERENCE																
11	ASSESS & DOCUMENT CURRENT SYSTEMS ISSUES																
23	RADIO REQUIREMENTS ASSESSMENT																
67																	
68	PHASE 2 - SYSTEM DESIGN, SPECIFICATIONS & PROCUREMENT																
69																	
70	PROJECT MOBILIZATION & INITIATION CONFERENCE																
75	FINALIZE PERFORMANCE REQUIREMENTS																
79	BEGIN INITIAL REGULATORY PROCESS																
82	DEVELOP SPECIFICATIONS DOCUMENT & EVALUATION CRITERIA																
106	PROPOSAL EVALUATION & NEGOTIATION																
155																	
156	PHASE 3 - SYSTEM IMPLEMENTATION																
157																	
158	01 - CONTRACT INITIATION																
167	02 - ENGINEERING DESIGN PHASE																
212	03 - SYSTEM PROCUREMENT																
229	04 - STAGING																
246	05 - RF SITE DEVELOPMENT																
392	06 - FNE INSTALLATION																
495	07 - ACCEPTANCE TEST																
516	08 - TRAINING																
527	09 - SUBSCRIBER INSTALLATION																
567	10 - PROJECT CLOSE-OUT																



# DEPARTMENT OF PUBLIC SAFETY COMMUNICATIONS

Brown County

307 SOUTH ADAMS STREET  
ROOM 215  
GREEN BAY, WISCONSIN 54301-4582



Emergency Communication Services  
9-1-1 Center Operations  
Emergency Management

PHONE (920) 448-7610  
FAX (920) 448-7614

James V. Nickel, PE  
Director

Director's Report  
January 12, 2006

1. Simplified Bank Alarm Procedure

The simplified, plain language County-Wide Bank Alarm procedure was finalized with a taskforce from many Law Enforcement agencies on December 15<sup>th</sup>. The cooperation of these agencies in changing the policy was excellent. All County Financial Branch Managers were invited to one of two mandatory training sessions in January at UWGB. The new procedure will begin February 1<sup>st</sup>.

2. VoIP

Vonage has announced an \$80 telephone that uses Wi-Fi "Hot Spots" for communications. This is clearly a nomadic service that may not provide 911 call routing to the correct 911 Center. Since the public has the expectation of 911 service from any telephone, this could cause a major problem for a citizen using this Vonage service.

3. 800 MHz Radio Rebanding Project

We have received the revised quotes in the new format that the Transition Administrator now requires. The next step is to submit the Planning Quote Form to Nextel along with the required documentation. Nextel, who will pay for all costs, will then enter into a planning agreement for the first phase of this work. Voluntary negotiations begin 2/1/06.

4. Cellular Telephone E911 Location Project

The initial costs are in and the State's PSC reimbursement detail has been reviewed. The summary is that the project will cost the County \$570,315 and the reimbursement will be \$604,970. Einstein PCS filed a one year extension request with the FCC to December 2006. We are working with Verizon and Cingular to schedule their field verification testing.

5. First Emergency Use of the Wireless E911 Location System

The first emergency use of this system occurred on Monday evening, December 12<sup>th</sup>, with the timely rescue of a snow mobile operator on the Bay of Green Bay. He was located by the system 1-1/2 miles north of the position he told us. He was injured and help was there within 17 minutes of the call. The coordinates allowed the Eagle III helicopter to go directly to his position and provide lighting for ground personnel to rescue him. This rescue made local and national news, being reported in the newspapers in Maine.

6. Radio System Upgrade

All of the County Fire Chief's signed a letter to the County Executive indicating their desire to move to the next step in solving their radio communications problems. The history of this radio project to date is attached. OJA has indicated the next round of funding applications will be in May (25% local match required). The next step for Brown County is to fund a consultant (<\$100K) to answer the "what" and "how much" questions. The County Executive has formed a "Radio Communications Interoperability Commission".

*Jim*

**Wireless E911 Location Project Summary**  
**Best assumptions as of 12/15/05**

<u>Item</u>	<u>Cost (\$)</u>	<u>\$ Reimbursed by PSC</u>
TDS/CML Telephone Switch	494,041.24	247,020.62
Switch training	20,285.76	20,285.76
Dictaphone Recording deck	11,262.00	0
Mapping monitors for 5 calltakers	2,460.00	1,230.00
CAD Upgrade (8503x.3876Foxcomm)	3,295.76	3,295.76
SBC Installation-Phase I service	5,543.65	5,543.65
SBC Installation-Phase II Service	22,336.75	22,336.75
SBC Installation – 10 CAMA trunks	1,313.90	1,313.90
SBC Installation – Back-up trunk	131.39	131.39
Kimball training	2,310.00	2,310.00
Motorola CAD training	7,334.73	7,334.73
Reimbursement for past CAD expenses		284,567.34
Reimbursement for centerline maintenance		9,600.00
Fixed cost project total:	<u>570,315.18</u>	<u>604,969.90</u>
 <u>Recurring costs:</u>		
SBC ANI/ALI Phase II Service (2434/mo x 35 months)	85,211.00	85,211.00
SBC CAMA Trunks (96.73/mo x 10 x 35 months)	33,855.50	33,855.50
SBC Back-up trunk (96.73/mo x 35 months)	3,385.55	3,385.55
Total recurring:	<u>122,452.05</u>	<u>122,452.05</u>
 <u>Total project costs</u>	 <u>692,767.23</u>	 <u>727,421.95</u>

### Radio System Study History

10/23/03	Purchase Order to Evans and Associates for Radio Study
12/15/03	Evans and Associates report issued (Order of magnitude cost \$13.9-16.1M)
1/28/04	Report presented to Radio Advisory Committee
4/2/04	RFI released to the industry (sent to six major vendors) requesting responses by 7/30/04
7/30/04	Motorola responded with discussionary pricing for 800 MHz, 8-site, 12-channel simulcast infrastructure plus a 3-channel, 8-site simulcast VHF system of between \$15-17M;  M/A requests extension to 8/15 which was granted
8/11/04	M/A Comm response received, but not compliant with request
10/15/04	Request for OJA Radio Interoperability Engineering Grant submitted
12/10/04	RFP released to Engineering consultants for pricing
12/27/04	OJA funds Radio Interoperability Engineering Grant Request (\$75K)
1/12/05	Last date for questions from consultants/questions answered
1/28/05	RFP's due from Engineering consultants (8 bids received)
2/7/05	Radio Advisory Committee selected consultant from top three
2/18/05	P.O. Issued to RCC Consultants
3/14/05	RCC Consultants begins visit to 14 agencies for needs assessment
5/25/05	Consultant presents interim report to Radio Advisory Committee; Preliminary direction confirmed with Chiefs
8/3/05	Final report summary (with cost estimates added) provided to Public Safety Committee by RCC Consultants (Infrastructure cost estimated at \$16.1M, subscriber units \$6.3M, Total estimated project: \$22.3M)
10/19/05	Final report summary provided to County Board by RCC Consultants as an Information Session with Q&A preceding the Regular Board Meeting

Overview of  
Voice Over Internet Protocol (VoIP) for 911 Service

January, 2006

- 911 service began as a simplified way of contacting emergency services wherever a person was. It began when only wired telephones existed. 911 calls get to the proper 911 Center by databases that the telephone company maintain, based upon the physical address of the installation.
- Enhanced 911 provides routing of the emergency call to the correct 911 Center over dedicated 911 trunk lines, provides physical address of the caller, provides callback number and recommendations for responding agencies based upon physical address. This provides useful information to the 911 Center if the person cannot speak for any number of reasons.
- The public's expectation is that 911 service is available from any phone.
- Wireless calls are not tied to a physical address and by nature are nomadic. The Wisconsin Legislature passed Act 48 in 2003 and the PSC wrote funding rules for cellular location in 2005. The carriers provide either GPS-based or network-based location of the cellular phone and a callback number over dedicated 911 trunks to the correct 911 Center based upon the tower site being used for the call.
- Voice Over Internet Protocol (VoIP) uses a broadband connection and a computer to place telephone calls. The audio is converted to VoIP data bits and transmitted to a server. This server can be anywhere in the world. The call may or may not actually travel over the Internet.
- We are seeing the convergence of Computers, Telephony and Data systems. It is very cheap to move large quantities of bits around the world. New service offerings and lower rates are attracting people to this service. Time Warner Cable uses VoIP technology for its cable customers.
- Enterprises are looking at maintaining only one network. User productivity increases as voice is integrated into the desktop.
- Today's rules do not matter. Today's younger generation is accepting of the lower Quality of Service (QoS) for the lower price. Data is "best efforts", not guaranteed, resulting in more audio defects in the call.
- Where the system uses a fixed physical address, the call can be routed to the proper 911 Center and Enhanced 911 information can be provided. When the service is nomadic, the industry is challenged to deliver the 911 call to the correct 911 Center and to provide the physical location of the caller.
- Vonage is the US market leader with over 1 Million customers in November, 2005--up from 400,000 in January, 2005. Expected to be 5M in 2007.

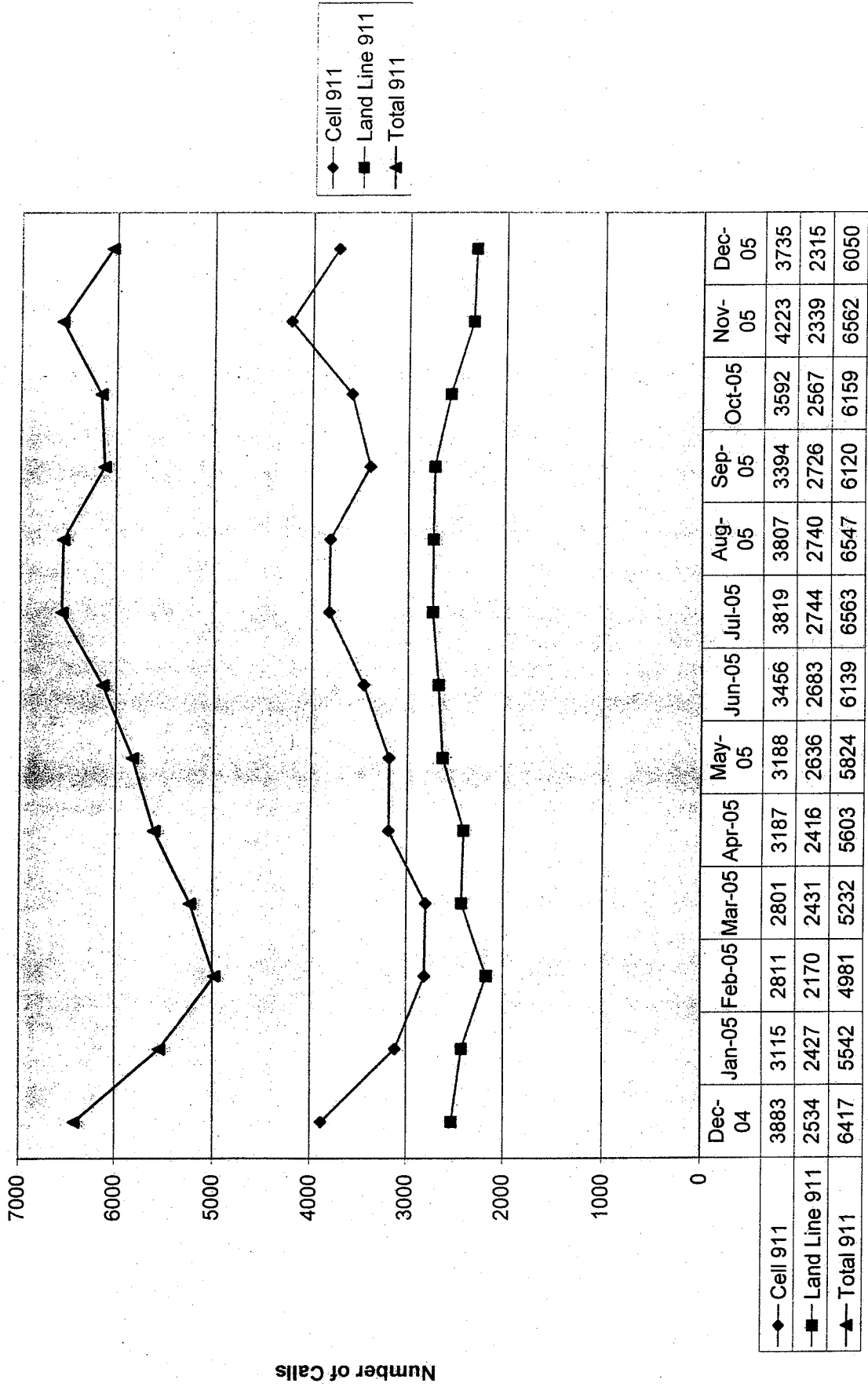
**Brown County Public Safety Communications Center**  
**Year-End Summary**

**2003-2005**

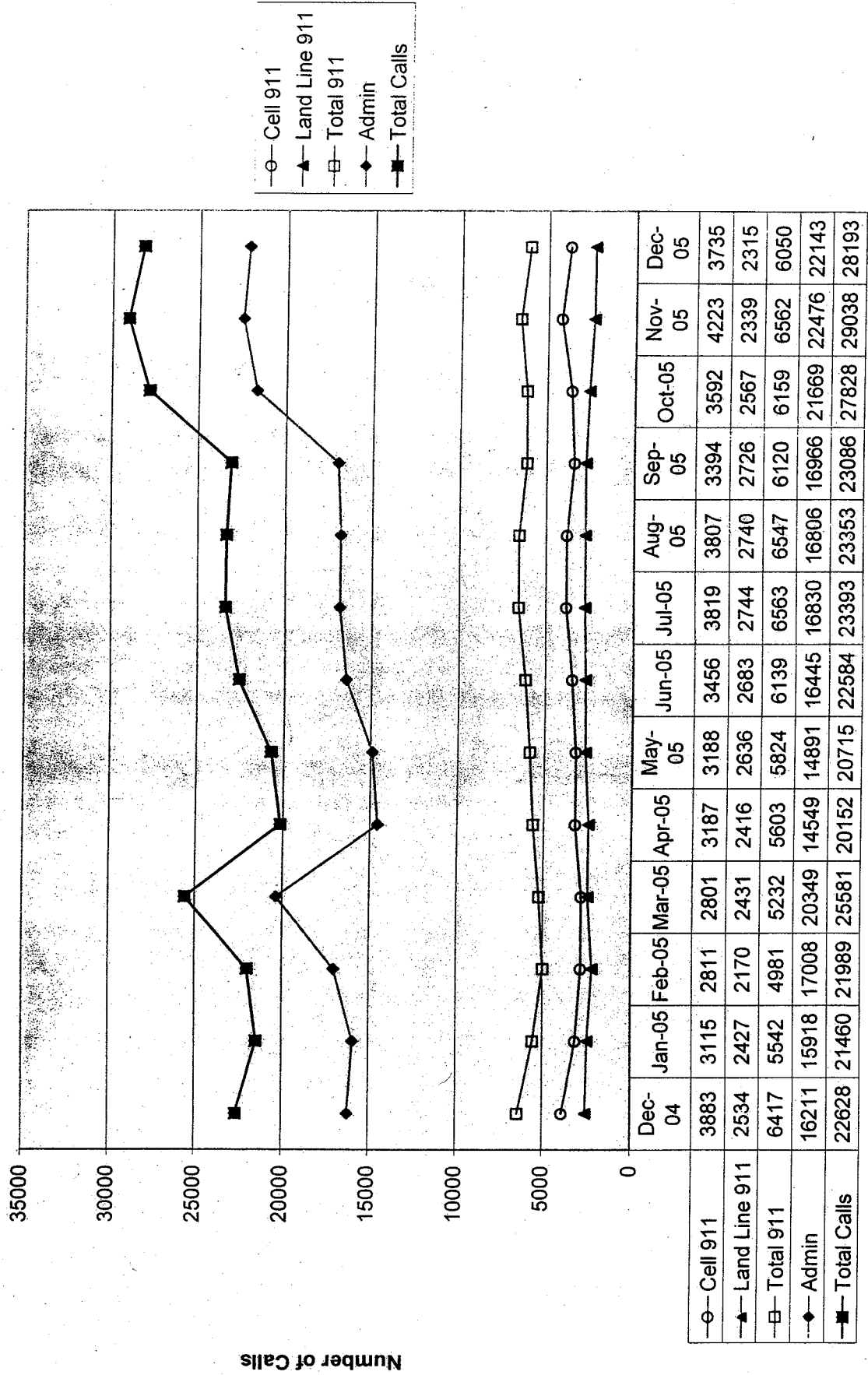
**January 10, 2006**

<b><u>Category</u></b>	<b><u>2003</u></b>	<b><u>2004</u></b>	<b><u>2005</u></b>
Number of 911 calls answered	70,397	71,027	71,322
Number of cellular 911 calls	38,433	40,252	41,128
% 911 calls from cellular phones	54.6%	56.7%	57.7%
Number of non-emergency calls	251,644	213,346	216,050
Total inbound telephone calls:	322,041	284,373	287,372
Number of Total Police Incidents	171,872	174,524	175,228
Number of Fire/EMS Incidents	17,652	17,840	18,613
Total Incidents handled by the Center	189,524	192,364	193,841

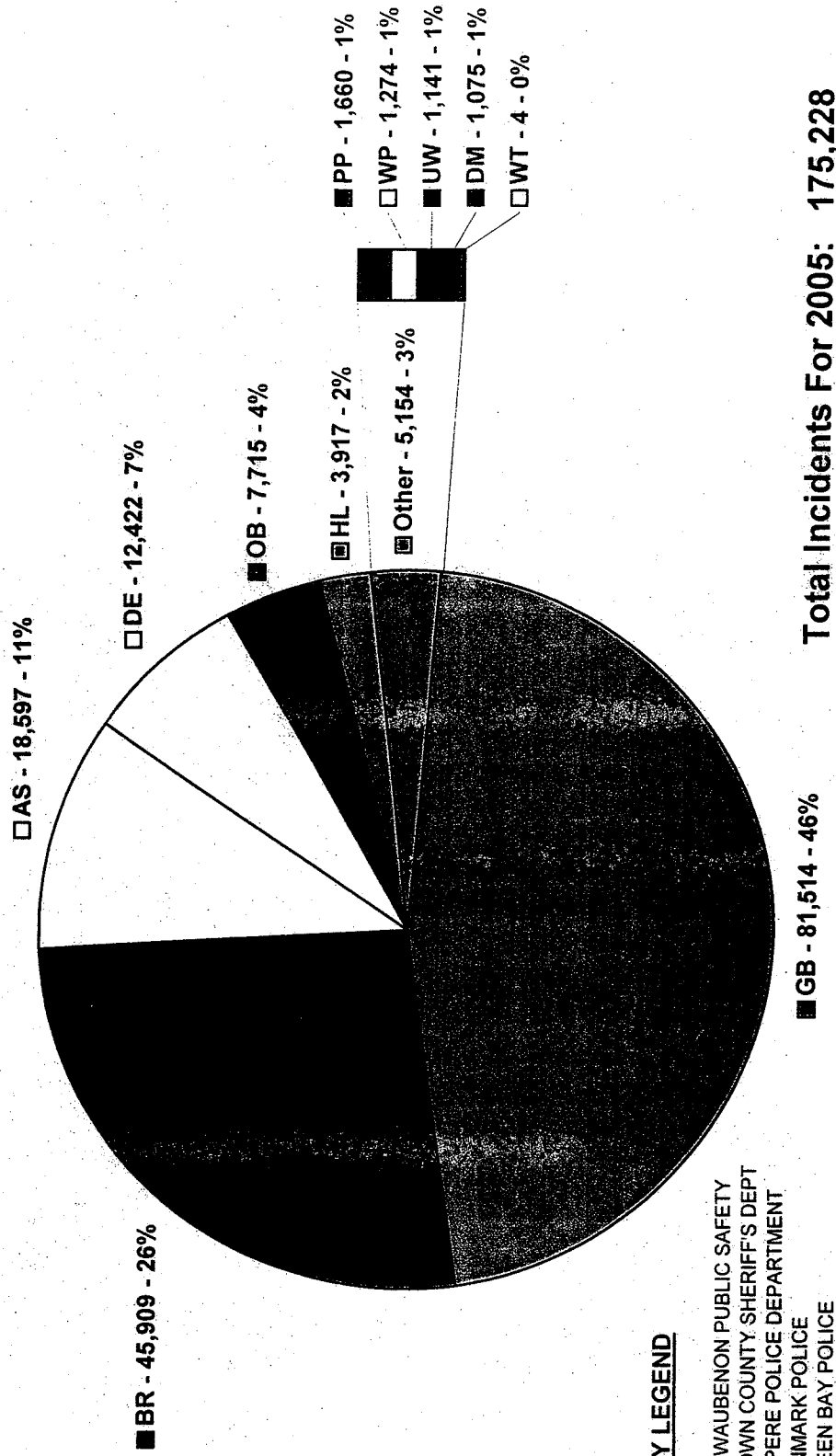
# 2004-2005 Brown County 911 Call Volume



# 2004-2005 Brown County PSC Call Volume



# 2005 Incident Count for All Brown County Police Agencies

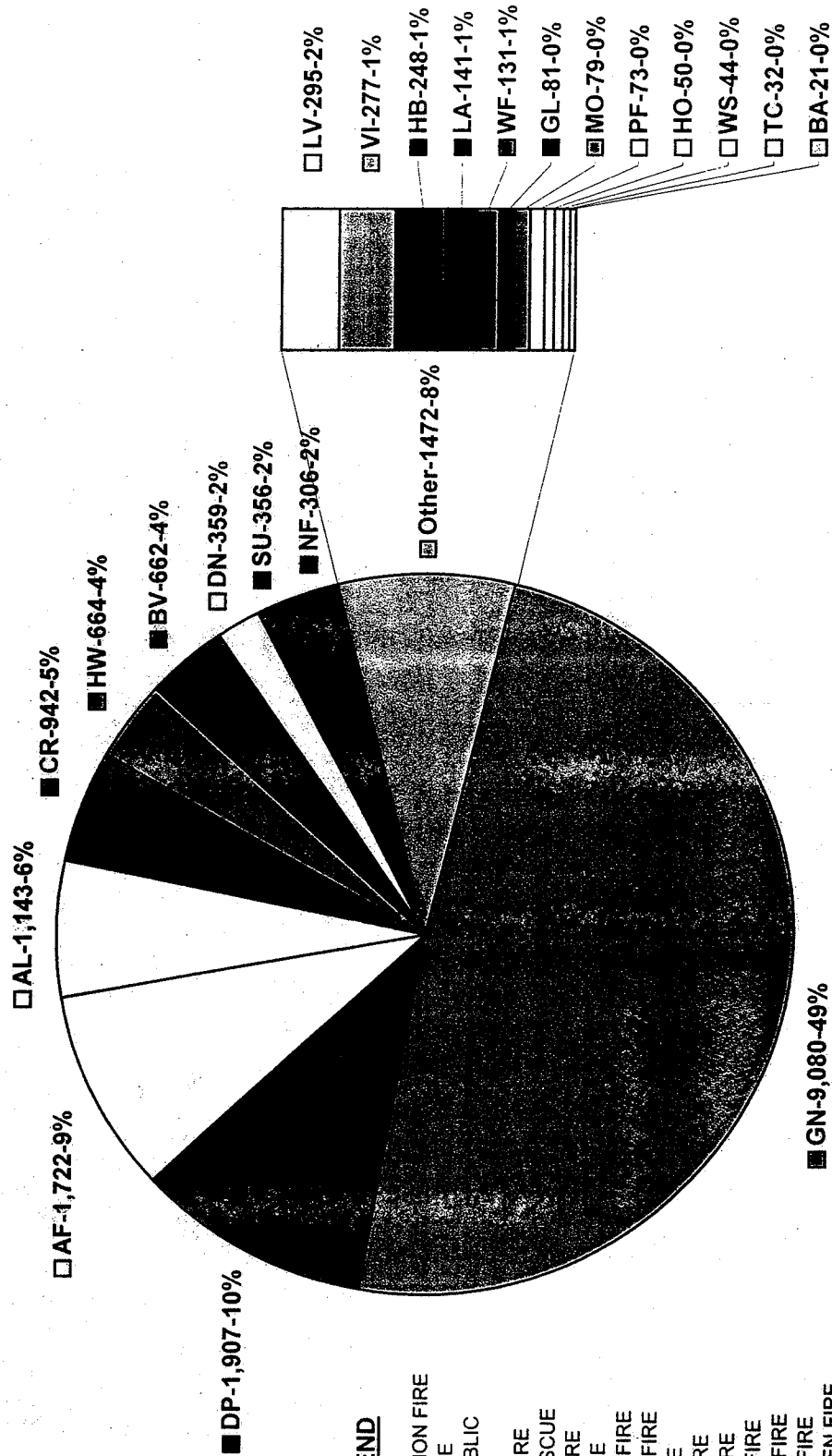


## AGENCY LEGEND

AS = ASHWAUBENON PUBLIC SAFETY  
 BR = BROWN COUNTY SHERIFF'S DEPT  
 DE = DE PERE POLICE DEPARTMENT  
 DM = DENMARK POLICE  
 GB = GREEN BAY POLICE  
 HL = HOBART LAWRENCE POLICE  
 OB = ONEIDA POLICE  
 PP = PULASKI POLICE  
 UW = UWGB PUBLIC SAFETY  
 WP = WRIGHTSTOWN POLICE  
 WT = WISCONSIN STATE PATROL



# 2005 Incident Count for All Brown County Fire/EMS Agencies

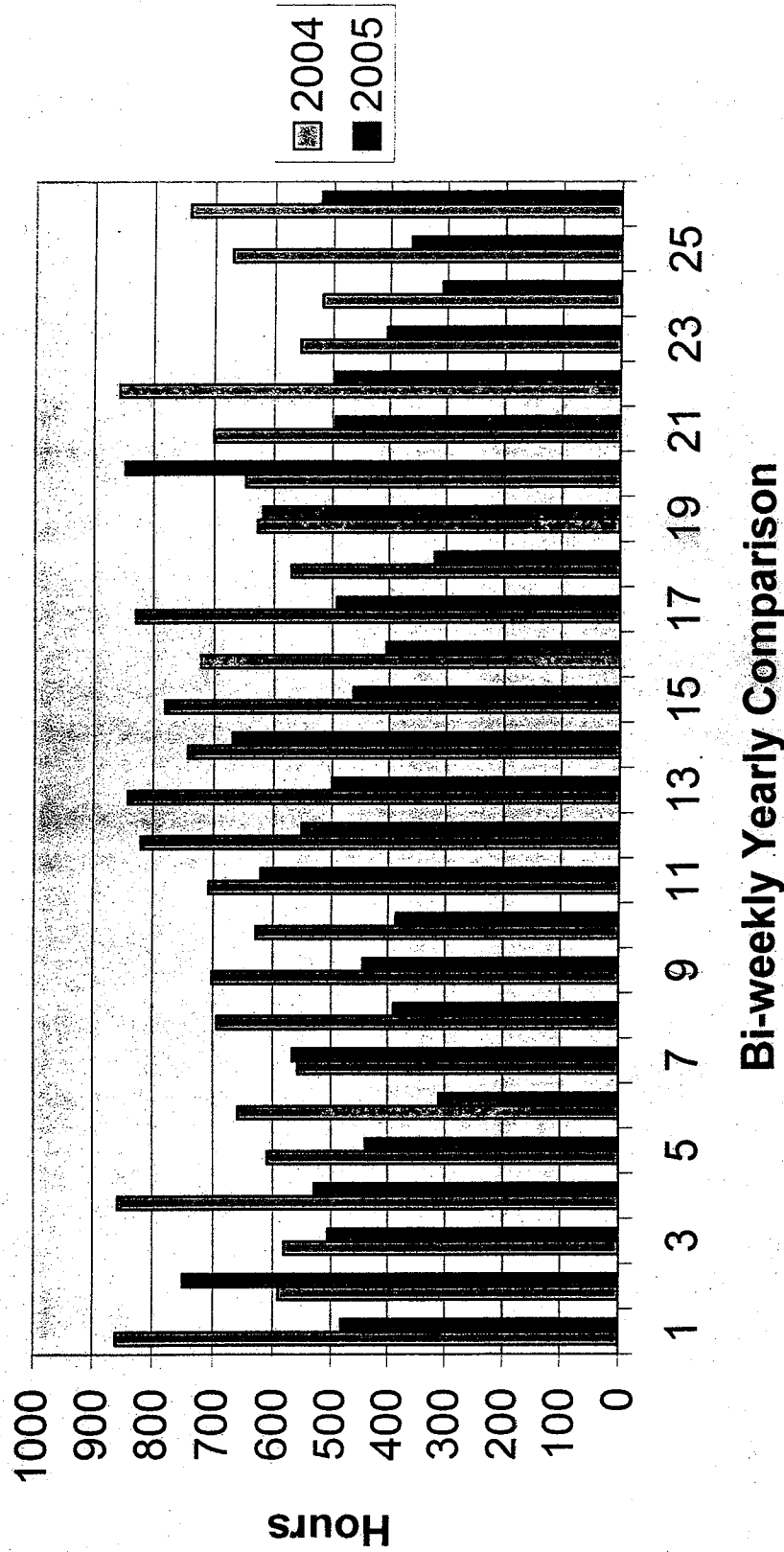


Total Incidents For 2005: 18,613

## AGENCY LEGEND

AF = ASHWAUBENON FIRE  
 AL = ALLOUEZ FIRE  
 BA = AIRPORT PUBLIC SAFETY  
 BV = BELLEVUE FIRE  
 CR = COUNTY RESCUE  
 DN = DENMARK FIRE  
 DP = DE PERE FIRE  
 GL = GREENLEAF FIRE  
 GN = GREEN BAY FIRE  
 HB = HOBART FIRE  
 HO = HOLLAND FIRE  
 HW = HOWARD FIRE  
 LA = LAWRENCE FIRE  
 LV = LEDGEVIEW FIRE  
 MO = MORRISON FIRE  
 NF = NEW FRANKEN FIRE  
 PF = PULASKI FIRE  
 SU = SUAMICO FIRE  
 TC = TRI-COUNTY RESCUE  
 VI = VIKING RESCUE  
 WF = WRIGHTSTOWN FIRE  
 WS = WAYSIDE FIRE

# BC Public Safety OT Compare 2004-2005



2005 OT is 40% LESS THAN 2004